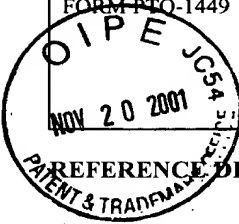


FORM PTO-1449 	ATTY. DKT NO. 3-010	SER. NO. 09/977,232
	APPLICANT MATSUDA et al.	
	FILING DATE October 16, 2001	GROUP 3746

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
TOL	5,079,996	Jan. 14, 1992	Abousabha et al.	92	12.2
✓	5,509,346	Apr. 23, 1996	Kumpf	↓	↓

FOREIGN PATENT DOCUMENTS

								TRANSLATION	
		DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS	YES	NO
TOL		JP-A-61-218783 (Discussed on pg. 12 of the spec.)	9/29/86	JAPAN				X	

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER	DATE CONSIDERED	
<i>Daniel Hoxby</i>	9/30/02	

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS

FOREIGN PATENT DOCUMENTS

TRANSLATION

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS	YES	NO
TOL	JP-A-63-94085 (Discussed on pg. 1 of the spec.)	4/25/88	JAPAN				X	
✓	JP-A-2-275070 (Discussed on pgs. 1-2 of the spec.)	11/9/90	JAPAN				X	

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER	DATE CONSIDERED
<i>Handwritten signature</i>	9/30/02